

Worksheet 4 – Determine the disease (1)

You are going to look for the disease that belongs to this DNA strand. You are going to do this in 3 steps.

1. The DNA strand does not exist out of colored circles anymore, but out of letters. Just like the colored circles, every letter belongs to a determined letter. The rules are:

A belongs to U

C belongs to G

G belongs to C

T belongs to A

Now you are going to fill in the right letters next to the ★. The first 3 letters are already filled in.

2. Now take **worksheet 5 – Decoding disk**. Every 3 letters in the colored row form one letter together. You can find this letter in the blue circle of the disk.

You are now going to fill in the right letter next to the ♥. The first letter is already filled in.
Let your teacher show you first how to work with the disk.

3. Next to the ♥ there are now 15 different letters. Type these letters (without gaps!) into Google.

What disease did you find? _____

t	a	c	g	a	g	t	g	t	a	a	g	t	a	c	c	g	g	a	g	a	c	t	g	t	c	g	c	t	c	c	t	t	c	t	t	c	a	c	a	c	a	c	t	a			
a	u	g																																													
m																																															